

Storm Data and Unusual Weather Phenomena

January 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ATLANTIC OCEAN

ANZ537	Tidal Potomac Cobb Is Md To Smith Pt Va								
Lewisetta	14	0300EST			0	0			Marine Tstm Wind (MG36)
ANZ534	Chesapeake Bay Drum Pt To Smith Pt Va								
3 NW Patuxent River Na	14	0324EST			0	0			Marine Tstm Wind (MG37)
ANZ533	Chesapeake Bay N Beach To Drum Pt Md								
Plum Pt	14	0324EST			0	0			Marine Tstm Wind (EG37)
ANZ532	Chesapeake Bay Sandy Pt To N Beach Md								
5 SE Annapolis	14	0343EST			0	0			Marine Tstm Wind (EG34)
ANZ530	Chesapeake Bay N Of Pooles Is Md								
Havre De Grace	24	2200EST			0	0			Marine Tstm Wind (EG43)
ANZ531	Chesapeake Bay Pooles Is To Sandy Pt Md								
Millers Island to Tolchester Beach	24	2200EST 2224EST			0	0			Marine Tstm Wind (MG43)
ANZ535	Tidal Potomac Key Bridge To Indian Hd Md								
Rnld Reagan Natl Arpt	24	2211EST			0	0			Marine Tstm Wind (MG34)
ANZ536	Tidal Potomac Indian Hd To Cobb Is Md								
Quantico	24	2219EST			0	0			Marine Tstm Wind (EG34)
ANZ532	Chesapeake Bay Sandy Pt To N Beach Md								
Annapolis to Tilghman Island	24	2223EST 2305EST			0	0			Marine Tstm Wind (MG40)
ANZ533	Chesapeake Bay N Beach To Drum Pt Md								
Cove Pt to Plum Pt	24	2306EST 2312EST			0	0			Marine Tstm Wind (MG44)
ANZ534	Chesapeake Bay Drum Pt To Smith Pt Va								
Patuxent River Nas to Smith Island	24	2312EST 2330EST			0	0			Marine Tstm Wind (MG55)
ANZ537	Tidal Potomac Cobb Is Md To Smith Pt Va								
Piney Pt to Lewisetta	24	2312EST 2336EST			0	0			Marine Tstm Wind (MG41)

DISTRICT OF COLUMBIA

DCZ001	District Of Columbia								
	12	0300EST 0730EST			0	0			Dense Fog
	Areas of dense fog occurred early in the morning of January 12 across the region.								
DCZ001	District Of Columbia								
	13	0430EST 1200EST			0	0			Dense Fog
	Areas of dense fog occurred early in the morning of January 13 across the region.								
DCZ001	District Of Columbia								
	14	1924EST 1928EST			0	0	250K		High Wind (EG55)
	Trees down across the district.								
	Very strong winds developed on the 14th due to a strengthening low pressure system off the Mid Atlantic Coast and a fast moving cold front that passed through the region early in the day. Widespread damages and power outages occurred during this event, with newspaper reports indicating tens of thousands without power for an extended period of time.								

MARYLAND, Central

MDZ003>004-009>010- 013>014-016>018	Washington - Frederick - Montgomery - Howard - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert								
	12	0300EST 0730EST			0	0			Dense Fog

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MARYLAND, Central

Areas of dense fog occurred early in the morning of January 12 across the region.

MDZ004>007-009>011-013>014-016>018 **Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert**

13 **0430EST** **1200EST** **0** **0** **Dense Fog**

Areas of dense fog occurred early in the morning of January 13 across the region.

MDZ002>007-009>011-013>014-016>018 **Allegany - Washington - Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert**

14 **1715EST** **2050EST** **0** **0** **1.6M** **High Wind (MG52)**

Numerous trees and powerlines down.

Very strong winds developed on the 14th due to a strengthening low pressure system off the Mid Atlantic Coast and a fast moving cold front that passed through the region early in the day. Widespread damages and power outages occurred during this event, with newspaper reports indicating tens of thousands without power for an extended period of time.

MDZ014 **Anne Arundel**

15 **1100EST** **1200EST** **0** **0** **25K** **Storm Surge/Tide**

A major coastal storm system, containing very strong winds, caused tidal levels to fall significantly below normal levels. Several marinas near the city of Annapolis, MD noted numerous boats stuck in place or tipped on their sides due to the very low water levels.

MDZ004 **Frederick**

18 **0830EST** **0** **0** **30K** **Strong Wind (EG45)**

Strong winds estimated up to 50 mph caused a tree branch to fall onto powerlines on Catocin Furnace Road, in Thurmont, MD. Power was knocked out to thousands of people for much of the area due to the incident.

MDZ009-013 **Montgomery - Prince Georges**

18 **1200EST** **0** **0** **45K** **Strong Wind (EG42)**

Scattered power outages occurred due to downed trees from high winds. The winds were estimated between 40 to 50 mph by local official and non-official reporting stations.

MDZ002 **Allegany**

23 **0430EST** **0810EST** **0** **0** **75K** **Ice Storm**

Ice accumulations totaled around one-quarter inch across portions of Western Maryland, including parts of Allegany County. Newspaper reports indicated that several thousand people were without power due to downed ice-covered trees and powerlines. The freezing rain conditions occurred due to warm southerly winds and abundant moisture over-riding the cold air near the ground.

MDZ002 **Allegany**

24 **0400EST** **0900EST** **0** **0** **Dense Fog**

Areas of dense fog occurred early in the morning of January 24.

MDZ007 **Harford**

25 **0400EST** **1000EST** **0** **0** **Winter Weather**

Morning commuters faced hazardous road conditions, since overnight snow showers had only minor accumulations, but caused a glaze of ice to form on area roadways. Newspaper reports indicated numerous traffic crashes occurred due to the glaze conditions.

MDZ002 **Allegany**

25 **0800EST** **1000EST** **0** **0** **Heavy Snow**

Weather conditions were favorable for considerable mountain snows on the 25th. Northwest winds combined with a substantial amount of moisture to cause prolonged snow showers, which were heavy at times early in the day. Total accumulations up to about a foot occurred, with the highest totals in the higher elevations, such as at Keysers Ridge in Allegany County, and Skyline in Mineral County.

VIRGINIA, North

VAZ025>031-036>042-050>057 **Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George**

12 **0300EST** **0730EST** **0** **0** **Dense Fog**

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VIRGINIA, North

Areas of dense fog occurred early in the morning of January 12 across the region.

VAZ052>055-057

Prince William - Fairfax - Arlington - Stafford - King George

13	0430EST	0	0			Dense Fog
	1200EST					

Areas of dense fog occurred early in the morning of January 13 across the region.

Albemarle County
Southwest Portion

13	1153EST	0	0	5K		Thunderstorm Wind (EG50)
14	1153EST					

Tree down on Plank Road.

Orange County
Barboursville

14	0032EST	0	0	5K		Thunderstorm Wind (EG50)
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Tree down near Spotswood Trail.

Culpeper County
Rixeyville

14	0055EST	0	0	10K		Thunderstorm Wind (EG50)
	0100EST					

Tree down near Rixeyville.

Fauquier County
Warrenton

14	0110EST	0	0	250K		Thunderstorm Wind (EG70)
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Numerous trees down mainly in downtown Warrenton. All damages indicate straight-line winds. Several large older trees downed. Some minor structural damage with one report of major roof damage to the city police building.

A major low pressure system moved from the Middle Ohio Valley on the afternoon of January 13 to the Mid Atlantic during the overnight. This system pushed a strong cold front through the region overnight. The cold front produced scattered thunderstorms with a few of those thunderstorms reaching severe limits across areas of Northern Virginia.

VAZ021-025>030-
036>042-051>053-055>057

Highland - Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Culpeper - Prince William - Fairfax - Stafford - Spotsylvania - King George

14	1305EST	0	0	1.6M		High Wind (EG55)
	2125EST					

Trees down countywide.

Very strong winds developed on the 14th due to a strengthening low pressure system off the Mid Atlantic Coast and a fast moving cold front that passed through the region early in the day. Widespread damages and power outages occurred, with newspaper reports indicating tens of thousands without power for an extended period of time.

VAZ025

Augusta

18	1200EST	0	0	10K		Strong Wind (EG40)
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A fast moving cold front swept across the area on January 18. Strong winds caused a large pine tree to come down across Binford Avenue in Waynesboro. The winds were estimated between 35 to 50 mph by regional airports and cooperative stations. Some isolated power outages were also reported.

VAZ021-025>027-
029>030-036>040-
050>051-056

Highland - Augusta - Rockingham - Shenandoah - Page - Warren - Nelson - Albemarle - Greene - Madison - Rappahannock - Orange - Culpeper - Spotsylvania

24	0400EST	0	0			Dense Fog
	0900EST					

Areas of dense fog occurred during the early morning of January 24.

WEST VIRGINIA, East

WVZ052>053

Berkeley - Jefferson

12	0300EST	0	0			Dense Fog
	0730EST					

Areas of dense fog occurred early in the morning of January 12 across the region.

Jefferson County
Kabletown

14	0115EST	0	0	100K		Thunderstorm Wind (EG60)
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Information gathered in local newspaper reports indicated that a farm sustained significant damage due to severe level thunderstorm winds overnight. Wooden foundation beams were destroyed and blown down with significant damages to farm equipment and outbuildings. The farm was located near Kabletown, WV.

A major low pressure system moved from the Middle Ohio Valley on the afternoon of January 13 to the Mid Atlantic during the overnight. A strong cold front passed through the region overnight and spawned scattered thunderstorms with a few of those reaching severe limits across areas of Northern Virginia. One report was also received from Jefferson County, WV, of damaging

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WEST VIRGINIA, East

wind gusts causing property damage.

WVZ048>055

Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy

14 1800EST 2200EST 0 0 640K High Wind (EG50)

Very strong winds developed on the 14th due to a strengthening low pressure system off the Mid Atlantic Coast and a fast moving cold front that passed through the region early in the day. Widespread damages and power outages occurred during this event, with newspaper reports indicating tens of thousands without power for an extended period of time.

WVZ048>049-054>055

Grant - Mineral - Pendleton - Hardy

24 0400EST 0900EST 0 0 Dense Fog

WVZ048>049

Grant - Mineral

25 0800EST 1000EST 0 0 Heavy Snow

Weather conditions were favorable for considerable mountain snows on the 25th. Northwest winds combined with a substantial amount of moisture to cause prolonged snow showers, which were heavy at times early in the day. Total accumulations up to about a foot occurred, with the highest totals in the higher elevations, such as at Keyzers Ridge in Allegany County, and Skyline in Mineral County.